

0062418

SAF-B03-017
Remaining Sites Confirmation
Sampling-Other Solid
FINAL DATA PACKAGE

E:MAIL RESULTS TO:

Ella Feist

N/A
INITIAL/DATE

Mike Stankovich

N/A
INITIAL/DATE

MAIL COMPLETE COPY OF DATA PACKAGE TO:

Ella Feist

X0-17

BF
INITIAL/DATE

Mike Stankovich

H9-02

BF
INITIAL/DATE

Bob Hynes

H0-18

BF
INITIAL/DATE

Jeanette Duncan

H9-02

BF
INITIAL/DATE

COMMENTS: (PLEASE INCLUDE THE FOLLOWING ON THE COVER SHEET)

SDG 20040705 **SAF-B03-017**

Rad only X Chem only

Rad & Chem

X Complete

Partial

Sample Location/Waste Site: 600

RECEIVED
AUG 17 2004
EDMC

WSCF ANALYTICAL LABORATORY REPORT

ANALYSIS OF BULK SAMPLES FOR FIBER CONTENT

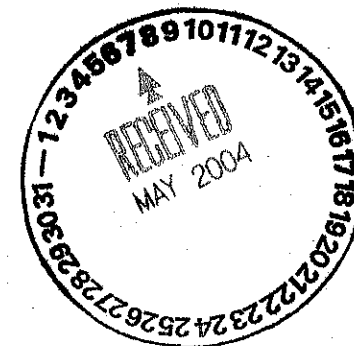
for

Bechtel Hanford, Inc.
MSIN H9-02
Richland, WA 99352

Attention: J. Kessner MSIN: H9-02

Survey ID J01C01

Data Validator MK Hamilton



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Group#: 20040705
Report Date 4-may-2004

bulk/rev.r6

B03-017

Page 1/4

Fluor Hanford, Inc.
MSIN: S3-28
Richland, WA 99352

Phone 373-7403

WSCF

ANALYTICAL LABORATORY REPORT

ANALYSIS OF BULK SAMPLES FOR FIBER CONTENT

Your samples have been analyzed for fiber content using polarized light microscopy and dispersion staining in accordance with Industrial Hygiene Laboratory Procedure LA-519-403, based on 40 CFR Part 763, Subpart E, App. E and EPA method EPA/600/R-93/116. The results are attached.

This method provides a visual estimate of the percentage of each fiber type present. It is a semiquantitative method intended to identify materials containing $>$ or $=$ 1% asbestos fibers.* Reported fiber percentages for samples and sample layers are based on the samples as received by the laboratory. The laboratory cannot verify that these values are representative of the original material sampled.

The Waste Sampling and Characterization Facility is accredited by the American Industrial Hygiene Association (AIHA) to analyze bulk samples for asbestos content. This accreditation does not constitute approval or endorsement of analytical results by AIHA.

If there are questions concerning this report, please contact the data validator listed on the cover page of this report.

* Because of the nonhomogeneous nature of soils, results will be reported using the following terms rather than percentages:

1. None - No asbestos fibers found.
2. Trace detectable - With extensive searching, a few fibers of the type indicated were found; concentration very low, well below 1%.
3. Obvious presence - Fibers easily found but overall concentration still low.
4. Significant presence - Fibers readily found; overall concentration may approach or exceed 1% level.

Polarized light microscopy (PLM) may not be the preferred method for identification of asbestos in floor tile. Most vinyl floor tiles marketed in the late sixties to mid-seventies contained asbestos milled so fine as to be below detection limits for PLM techniques. Tiles of that vintage, showing any detectable asbestos fibers should be considered to be asbestos-containing material. Non-detection of asbestos by PLM should not be considered conclusive proof that the tiles do not contain asbestos. Results for such samples will be reported as 'indeterminate'. Confirmatory analysis by TEM is strongly recommended.

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ANALYTICAL LABORATORY REPORT

Attention: J. Kessner MSIN: H9-02

Group #: 20040705

Sample #	Client ID	Test Performed	Range	Result	Units	Analyst	Sampled	Received	Analyzed
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W04I002179 J01C01

The following are the results of this test- Bulk Asbestos Layer 1

Cellulose

10-20 %

sdb

04/29/04

04/30/04

05/03/04

SAMPLE COMMENT-- Non-homogenous black fibrous tar coated with tan granular
SAMPLE COMMENT-- material, reportedly from the 600 Area.

WSCF

ANALYTICAL COMMENT REPORT

Attention: J. Kessner MSIN: H9-02

Group #: 20040705

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		Validated 5/4/04 by MK Hamilton, IH QA Coordinator.
W04I002179	J01C01	LOGSAMP		SAMPLE ACCEPTABLE FOR RECEIPT. REC'D AND LOGGED BY MK GRANT 4/30/04.
				MEDIA: BULK
		TESTDATA	Bulk Asbestos Layer 1	Non-homogenous black fibrous tar coated with tan granular material, reportedly from the 600 Area.

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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Bechtel Hanford Inc.		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST					B03-017-209		Page 1 of 1		
Collector Fahlberg/Gale		Company Contact M Stankovich		Telephone No. 372-9082		Project Coordinator KESSNER, JH		Price Code 9B		Data Turnaround 24 Hours	
Project Designation Remaining Sites Confirmation Sampling-Other Solid		Sampling Location 600-		SAF No. B03-017		Air Quality <input type="checkbox"/>					
Ice Chest No. ERC 021001		Field Logbook No. EL 1578-1		COA C17HXU671C		Method of Shipment Fed EX Government Vehicle					
Shipped To: WSCF (see Note) <small>DataChem Laboratories</small>		Offsite Property No. NA		Bill of Lading/Air Bill No. RF 4-30-04		SEE OSCPC NA					
POSSIBLE SAMPLE HAZARDS/REMARKS Potential ACM Non Rad Special Handling and/or Storage None				Preservation		None					
				Type of Container		Whirl Pack					
				No. of Container(s)		1					
				Volume		5g					
SAMPLE ANALYSIS				Asbestos-BULK-EPA							
Sample No.		Matrix *		Sample Date		Sample Time					
J01C01 W045W02171		OTHER SOLID		4-29-04		0913		X			
CHAIN OF POSSESSION				Sign/Print Names				SPECIAL INSTRUCTIONS Note: Please change to WSCF Lab			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time					
R. Fahlberg		4-29-04 1630		SC 3728		4-29-04 1630					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time					
SC 3728		4-30-04 1030		R. Fahlberg		4-30-04 1030					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time					
R. Fahlberg		4-30-04 1110		M. Grant		4-30-04 1110					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		Matrix * S=Soil SE=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue WI=Wipe L=Liquid V=Vegetation X=Other			
Storage				SO Bolling		5/3/04 825					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time					
SO Bolling		5/3/04 905		Storage							
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time					
LABORATORY SECTION		Received By		Title		Date/Time					
		M. Grant		1H Sample Custodian		4-30-04 1110					
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time					